

Abhay Mahendera

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github.com/AbhayMahendera

SUMMARY OF QUALIFICATIONS

- Experience in Python, JavaScript, C++, and database management, with a focus on backend systems.
- Knowledge in customer/client planning, strategy, and software development.
- Skilled in team collaboration, problem-solving, and building efficient solutions to real-world problems through code.
- Strong communicator with time management skills, adaptability, and a focus on accessibility and clear documentation.

EDUCATION

Seneca Polytechnic, School of Computer Programming & Analysis
Computer Programming

Toronto, ON
Major GPA 3.9/4.0

RELEVANT COURSEWORK

Software Engineering, Mobile Software Development, Web Development, Database Management, Software Testing, OOP

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java, JavaScript, Rust

Operating Systems: Windows, Linux, Unix

Database Management: MongoDB, MySQL, Oracle 12c, PostgreSQL

Web Development: APIs, Bootstrap, CSS3, Tailwind CSS, EJS, HTML5, jQuery, Node.js, NPM, React JS

Design and IDE tools: GitHub, MS Office, GSuite, MS Visual Studio Code, Visual Studio

RELEVANT EXPERIENCE

Ground Operations Lead

August 2024 – Present

Menzies Aviation

- Led and supervised a dynamic team size, improving daily workflows and reducing manpower needs by 15–20% without lowering performance.
- Worked closely with other departments to carry out time-sensitive tasks, maintaining 0 delays during my shifts.
- Reduced error rates from 5–6% to under 0.5% by better organizing tasks and coordinating with other departments.
- Handled and tracked important documentation and information to keep operations error-free and smooth.

Data Analyst Intern

April 2024 – May 2024

Mentorness

- Analyzed 10,000+ rows of data using SQL to extract insights and optimize reporting.
- Built interactive dashboards in Power BI and Tableau, improving data visualization and decision-making.

POS Technician

October 2022 – January 2025

Fresh Hospitality Group

- Resolved POS system issues, reducing downtime and improving efficiency by over 30%.
- Managed \$10,000+ in daily transactions while maintaining 100% accuracy in system operations.

Web Manager

May 2021 – May 2022

Deepti Classes

- Increased website traffic by 40% through optimized content and SEO improvements.
- Managed 100+ social media and website posts, enhancing brand engagement and online visibility.

PROJECT EXPERIENCE

Personalized Health & Fitness Advisor

Python

- CLI tool to track user metrics, workouts, nutrition etc., with secure authentication
- Implemented AI-driven recommendations, ASCII-based progress visualizations, using custom algorithms and minimal use of external libraries

User Database Management Web Application

Node.js, Express.js, PostgreSQL

- Secure admin panel to manage users, access and database of an online store.
- Implemented role-based authentication and data handline for user management

Personal Portfolio Website:

Node.js, Express.js, Daisy UI

- Responsive personal portfolio website to showcase projects and contact details.
- Designed an intuitive UI with a focus on accessibility and user experience
- Implemented methods so that website loads with full responsiveness in any kind of screen and internet conditions.

Mall Management System:

C++, SQL

- Developed a CLI based system to efficiently store and manage a mall's data and records
- Optimized database queries for quick and smooth data retrieval.

Certifications

Cyber Security and Ethical Hacking for Beginners

IIT Madras Research Park

June 2022

C Programming

IIT Madras Research Park

July 2022

Python

IIT Madras Research Park

August 2022

The Non-Technical Skills of Effective Data Scientists

LinkedIn Learning

March 2024